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**Cc:** Nwosu, Bernard[Ben.Nwosu@WestonSolutions.com]; Lyndsey Nguyen (Nguyen.Lyndsey@epa.gov)[Nguyen.Lyndsey@epa.gov]  
**From:** Daly, Eric  
**Sent:** Fri 7/7/2017 4:54:50 PM  
**Subject:** RE: NFB Preliminary HPGe - Analytical Result Comparison

Hi. I discussed with Lyndsey on the phone and we went over both documents. Can you please verify the 186kev peak vs Bismuth-214 asterisks. It looks like you have the description on the bottom reversed. 186kev result should be greater than Bismuth-214. When we looked at raw data, the 186kev values were higher as expected, therefore it's just a Weston data table error. Please resend updated table.

You can have the lab proceed. In the future, they do not need authorization to move on to the 30 day ingrowth step.

**From:** Buster, Patrick [mailto:Patrick.Buster@WestonSolutions.com]  
**Sent:** Friday, July 07, 2017 12:14 PM  
**To:** Daly, Eric <Daly.Eric@epa.gov>  
**Cc:** Nwosu, Bernard <Ben.Nwosu@WestonSolutions.com>  
**Subject:** NFB Preliminary HPGe - Analytical Result Comparison

Hello Eric,

We just received our first lab package from Eberline where they analyzed the NFB samples "as is". This lab package contains a portion of the samples we sent from Area 1. I put together a quick table so you could take a look at a few comparison numbers from the HPGe analysis versus lab analysis. Note that in this table I have two results for Radium-226 from the lab – one result is using 186keV peak, one using Bismuth-214. Please see the asterisks at the bottom of the table noting which one is which. Currently the lab is awaiting authorization to go into formal preparation of samples as soon as possible, as ingrowth for the second count needs to start ASAP.

Once you give this a look over, could you please confirm that I can give the lab authorization to

proceed formal sample preparations?

Thanks Eric!

Patrick Buster

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